

I. Amendments to the Claims

1. (Currently Amended): A vehicle safety arrangement for a vehicle, the arrangement comprising:

a sensor unit comprising at least one sensor responsive to acceleration, the sensor unit being located substantially along a central longitudinal line of the vehicle, the sensor unit having a signal processor for sampling data gathered by the at least one sensor or more sensors;

~~at least one~~ an actuator for activating a safety device, the actuator being located remotely from the sensor unit; and

~~a velocity sensor; and~~

a control unit located remotely from the sensor unit and from the actuator and away from the central longitudinal line, the control unit being operable to receive information from the sensor unit ~~and the velocity sensor, to perform a crash algorithm using the information from the sensor unit and the velocity sensor,~~ and to transmit an actuation command to the actuator to activate the safety device, wherein the control unit comprises no sensor responsive to acceleration;

wherein the signal processor operates to perform a crash algorithm, which causes the signal processor to instruct the control unit to transmit the actuation command to the actuator.

2. (Original): A safety arrangement according to Claim 1, wherein the sensor unit is located on a central tunnel of the vehicle.